

1. A file management method having a first processing mode wherein upon occurrence of a write error for a file data to be written on a recording medium, replacement processing to another write area is carried out to write the data in the another area, and having a second processing mode wherein upon occurrence of a write error for a file data to be written on the recording medium, replacement processing to another write area is not carried out to write the data, said recording medium storing file type information for discrimination between said first and second processing modes in said recording medium as file management information associated with said file for file management, said method includes the steps of:

converting said file type from the file type indicative of said first processing mode to a file type indicative of said second processing mode; and

2. A file management method as set forth in claim 1, wherein said replacement processing is carried out on an ECC block basis, said block including N recording units termed as sectors (N: positive integer), and further comprising steps of:

when judging that the data is not stored in the ECC block, registering in said file management information as a stuffing a sector termed as a remaining sector within the ECC block having the data of the file to be processed stored therein, data of the file to be processed being not stored in said remaining sector.

judging whether or not data, termed as other data, belonging to a file, termed as another file, other than said file to be processed is stored in said remaining sector;

reflecting a result of said movement in file management information for management of said other file.

judging whether or not data belonging to a file other than said file to be processed is stored in said remaining sector;

when judging that the data is stored in said

7. A file management method having a first processing mode wherein upon occurrence of a write error for a file data to be written on a recording medium, replacement processing to another write area is carried out to write the data in the another area, and having a second processing mode wherein upon occurrence of a write error for a file data to be written on the

when judging by said judgement step that said

file to be processed is read, reading the data in said second processing mode; and

when judging by said judgement step that said file to be processed is not read, reading the data in said first processing mode.

9. A file management apparatus having a first processing mode wherein upon occurrence of a write error for a file data to be written on a recording medium, replacement processing to another write area is carried out to write the data in the another area, and having a second processing mode wherein upon occurrence of a write error for a file data to be written on the recording medium, replacement processing to another write area is not carried out to write the data, said recording medium storing file type information for discrimination between said first and second processing modes in said recording medium as file management information associated with said file for file management, said apparatus comprising:

means for reading a file type information associated with a file to be processed from the recording medium;

means for converting said file type from the file type indicative of said first processing mode to a file type indicative of said second processing mode; and

means for writing the file type after the conversion in the recording medium as file management

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means for reflecting a result of said
movement in file management information for management

15. A file management apparatus having a first processing mode wherein upon occurrence of a write error for a file data to be written on a recording medium, replacement processing to another write area is carried out to write the data in the another area, and has a second processing mode wherein upon occurrence of a write error for a file data to be written on a recording medium, the replacement processing to another write area is not carried out to write the data, and wherein said replacement processing is carried out on a basis of an ECC block including N recording units (N: positive integer) termed as sectors, said apparatus comprising:

means for writing said data in the recording location prior to said replacement processing.

16. A file management apparatus having a first processing mode wherein upon occurrence of a write error for a file data to be written on a recording medium, replacement processing to another write area is carried out to write the data in the another area, and having a second processing mode wherein upon occurrence of a write error for a file data to be written on the recording medium, replacement processing to another write area is not carried out to write the data, said recording medium storing file type information for

means for judging without using said file type information whether or not said file to be processed is read in said second processing mode;

when said judging means judges that said file to be processed is not read, means for reading the data in said first processing mode..

17. A program having a first processing mode wherein upon occurrence of a write error for a file data to be written on a recording medium, replacement processing to another write area is carried out to write the data in the another area, and having a second processing mode wherein upon occurrence of a write error for a file data to be written on the recording medium, replacement processing to another write area is not carried out to write the data, said recording medium storing file type information for distinction between said first and second processing modes in said recording medium as file management information associated with said file for file management, said program for causing a computer to execute the steps:

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reading a file type information associated
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registering second data allocation information indicative of a data storage location on the recording medium after said movement in said file management information.


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judging without using said file type whether
or not said file to be processed is read in said second
processing mode;
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when said judging step judges that said file to be processed is not read, reading the data in said first processing mode.

25. A file management method having a first processing mode wherein upon occurrence of a write error for a file data to be written on a recording medium, replacement processing to another write area is carried out to write the data in another area, and having a second processing mode wherein upon occurrence of a write error for a file data to be written on the recording medium, replacement processing to another write area is not carried out to write the data, said recording medium storing file type information for discrimination between said first and second processing modes in said recording medium as file management information associated with said file for file

regarding the file type of a file to be
as said second processing mode regardless of
type and reading the data in said second
g mode.

means for regarding the file type of a file
 cessed as said second processing mode
 s of said file type and reading the data in
 nd processing mode.

27. A program having a first processing mode wherein upon occurrence of a write error for a file data to be written on a recording medium, replacement processing to another write area is carried out to write the data in the another area, and having a second

processing mode wherein upon occurrence of a write error for a file data to be written on the recording medium, replacement processing to another write area is not carried out to write the data, said recording medium storing file type information for discrimination between said first and second processing modes in said recording medium as file management information associated with said file for file management, said program for causing a computer to execute the step of:

regarding the file type of a file to be processed as said second processing mode regardless of said file type and reading the data in said second processing mode.